

WJY ITCMR Equipment Access Form (Please send the completed form to itcmr_enquiry@hkbu.edu.hk)

Applicant (full name): _____ Staff ID / Student ID / HKID: _____

Supervisor (full name): _____ Access Card Number (if any): _____

Please tick the equipment for which you would like to access in WJY ITCMR laboratory.

Chromatography / Mass Spectrometry

- | | |
|--|---|
| <input type="checkbox"/> GCMS: Agilent 7000E Quadrupole MS | <input type="checkbox"/> LCMS: Waters Xevo TQ Absolute |
| <input type="checkbox"/> timsTOF: Bruker timsTOF HT | <input type="checkbox"/> UPLC: Agilent 1290 Infinity II UHPLC |

Biochemical Analysis

- | | |
|---|---|
| <input type="checkbox"/> SPR: Cytiva Biacore 8K+ | <input type="checkbox"/> ITC: Malvern Panalytical MicroCal PEAQ-ITC |
| <input type="checkbox"/> NTA: Malvern Panalytical NanoSight Pro | |

Genomics and Molecular Biology

- | | |
|--|--|
| <input type="checkbox"/> Automated Electrophoresis: Agilent TapeStation System | <input type="checkbox"/> Invitrogen Qubit 4 Fluorometer |
| <input type="checkbox"/> Flow Cytometer: BD FACSDiscover S8 Cell Sorter | <input type="checkbox"/> illumina NextSeq 2000 Sequencing System |
| <input type="checkbox"/> qPCR: Applied Biosystems QS5 | <input type="checkbox"/> qPCR: Applied Biosystems QS7-Pro |
| <input type="checkbox"/> Applied Biosystems VeritiPro Thermal Cycler | <input type="checkbox"/> Applied Biosystems ProFlex PCR System |
| <input type="checkbox"/> Microplate Reader: Molecular Devices SpectraMax i3x | |

Cell Culture Room Facility

- BSC, CO₂ incubator, digital light microscope, automated cell counter, centrifuge, water bath, etc.

Diagnostic System

- | | |
|---|---|
| <input type="checkbox"/> Cepheid GeneXpert II | <input type="checkbox"/> Biomérieux BIOFIRE FILMARRAY TORCH |
|---|---|

Imaging & Microscopy

- | | |
|---|---|
| <input type="checkbox"/> Molecular Device ImageXpress Confocal HT.ai | <input type="checkbox"/> Bio-Rad ChemiDoc MP Imaging System |
| <input type="checkbox"/> Nikon Ti2-E Motorized Inverted Microscope Imaging System | |

Sample Processing

- | | |
|--|---|
| <input type="checkbox"/> Rotary Evaporator: Heidolph Hei-VAP Expert Control | <input type="checkbox"/> Freeze Dryer System: Labconco FreeZone with Stoppering Tray Dryers |
| <input type="checkbox"/> Centrifugal Concentrator: Hanil HyperVAC-MAX | <input type="checkbox"/> Centrifugal Concentrator: Hanil HyperVAC-LITE |
| <input type="checkbox"/> Automated Liquid Handler: Beckman Coulter Biomek i5 | |

General Research

- | | |
|--|--|
| <input type="checkbox"/> Incubator Shaker: JeioTech ISS-7100R | <input type="checkbox"/> Incubator Shaker: Thermo Scientific Solaris 4000R |
| <input type="checkbox"/> ESCO AirStream PCR Cabinet | <input type="checkbox"/> UV Sterilization Cabinet: JeioTech UVC-11 |
| <input type="checkbox"/> High Speed Centrifuge: Beckman Coulter Avanti Centrifuge JXN-26 | <input type="checkbox"/> Class II Biological Safety Cabinet (for nucleic acid extraction only) |

Applicant's signature: _____ Date (YYYY/MM/DD): _____

Supervisor's signature: _____ Date (YYYY/MM/DD): _____